

Contamination of Water Bodies Using Bioremediation

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Abstract

Water pollution is a pressing global concern that poses significant threats to ecosystems and human health. The contamination of water bodies with various pollutants necessitates the development of effective remediation strategies. Bioremediation, the use of living organisms to degrade or remove contaminants, has emerged as a promising and environmentally friendly approach to restore the health of water bodies. This abstract provides an overview of bioremediation techniques and their applications in addressing water contamination. Biostimulation, bioaugmentation, and phytoremediation are discussed as key methods employed in bioremediation. Bioremediation has shown success in remediating oil spills, treating industrial effluents, and restoring contaminated water bodies. University of Italy, Italy, E-mail: anvithaemerson86@gmail.com

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